

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
 Data File : BF084928.D
 Acq On : 8 Feb 2016 15:04
 Operator : SJ/IZ
 Sample : PB88243BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BL

Quant Time: Feb 09 02:55:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	175458	20.00	ng	-0.03
21) Naphthalene-d8	7.94	136	733382	20.00	ng	-0.03
38) Acenaphthene-d10	9.69	164	351189	20.00	ng	-0.05
63) Phenanthrene-d10	11.16	188	682609	20.00	ng	-0.05
75) Chrysene-d12	13.79	240	595575	20.00	ng	-0.05
86) Perylene-d12	15.15	264	421893	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1287943	114.34	ng	-0.02
7) Phenol-d6	6.30	99	1340803	96.01	ng	-0.03
23) Nitrobenzene-d5	7.22	82	887106	68.14	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	439192	119.89	ng	-0.05
44) 2-Fluorobiphenyl	9.01	172	1543977	69.75	ng	-0.05
78) Terphenyl-d14	12.75	244	1585847	60.34	ng	-0.05

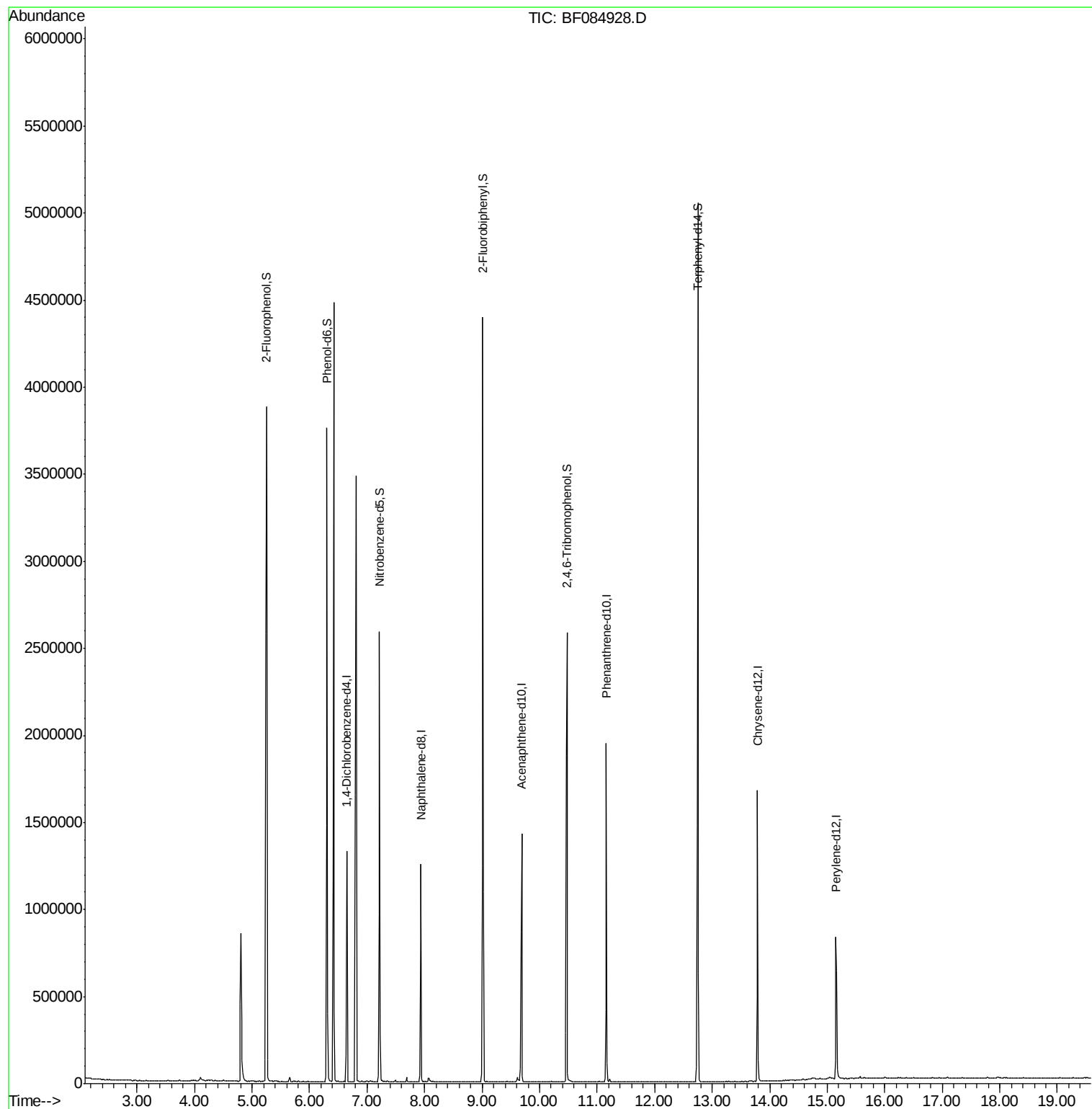
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

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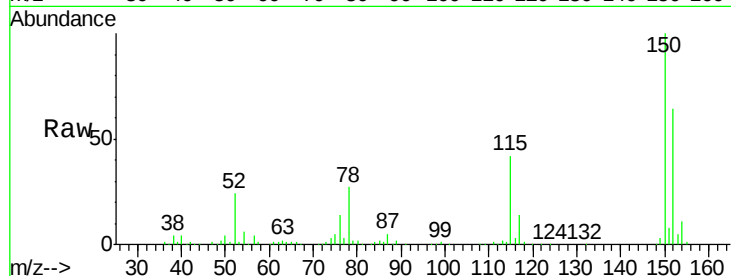
Tgt Ion:152 Resp: 175458

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

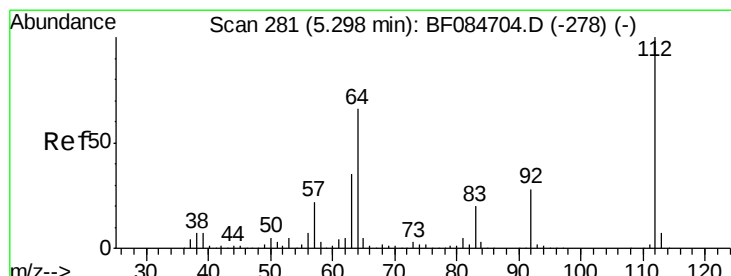
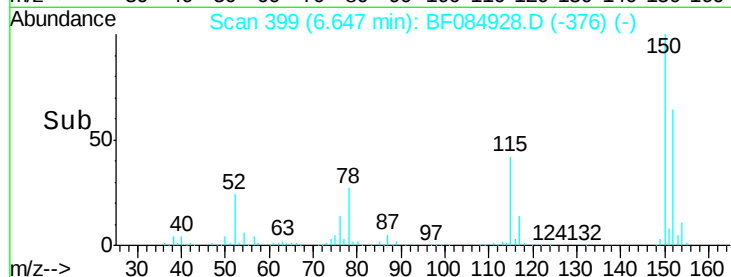
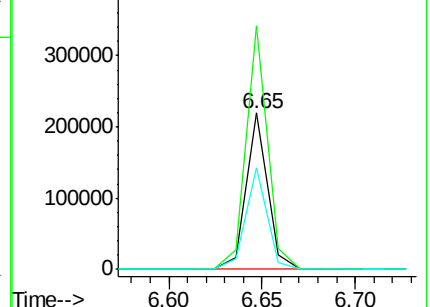
115 65.2 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 114.34 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084928.D

Acq: 8 Feb 2016 15:04

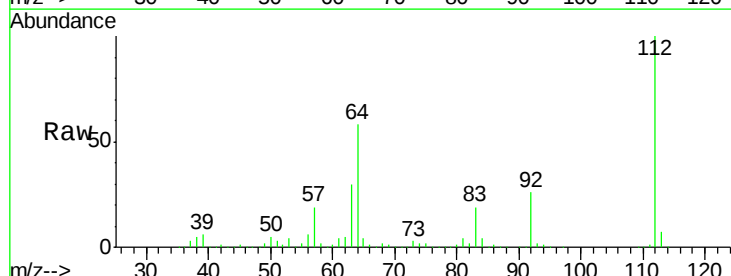
Tgt Ion:112 Resp: 1287943

Ion Ratio Lower Upper

112 100

64 57.9 36.6 55.0#

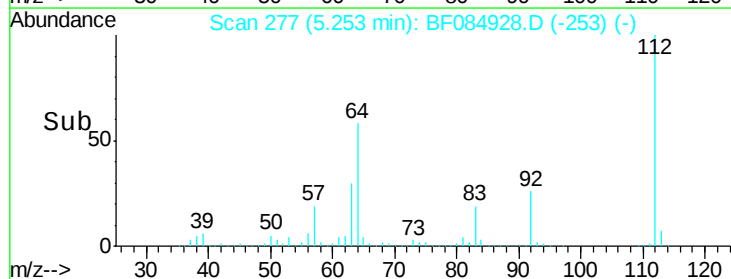
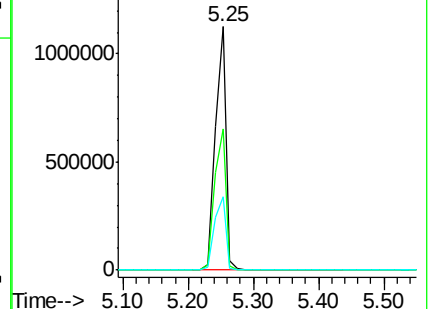
63 30.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.01 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084928.D

Acq: 8 Feb 2016 15:04

Instrument :

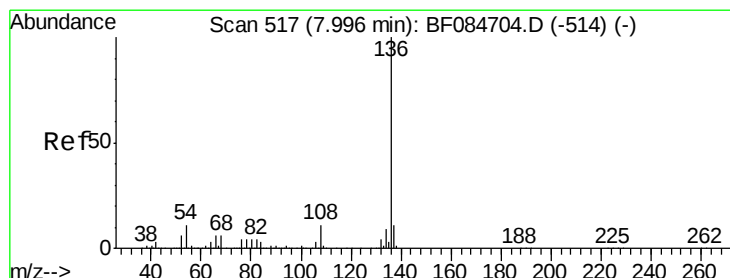
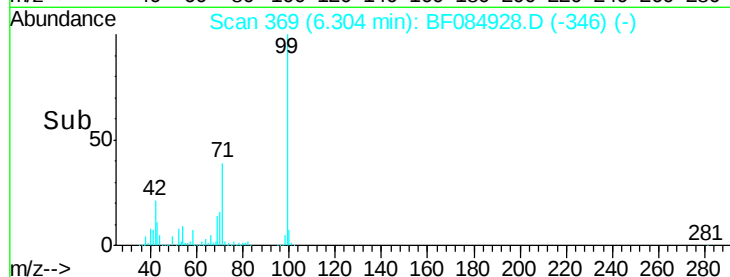
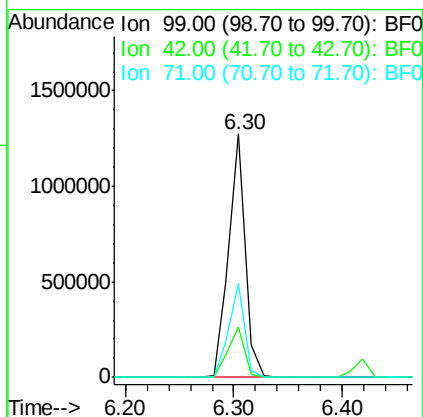
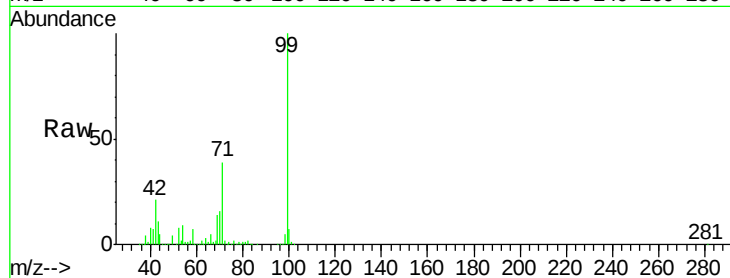
BNA_F

ClientSampleId :

PB88243BL

Tgt Ion: 99 Resp: 1340803

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	38.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 512

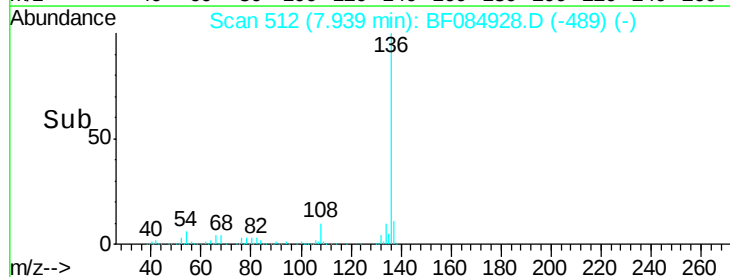
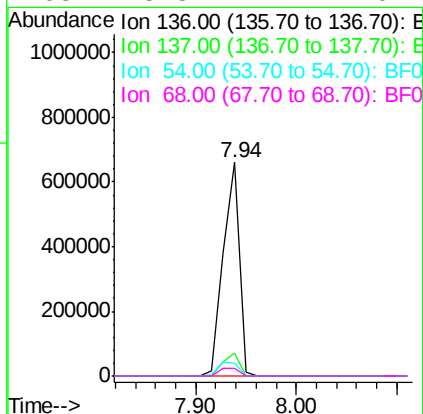
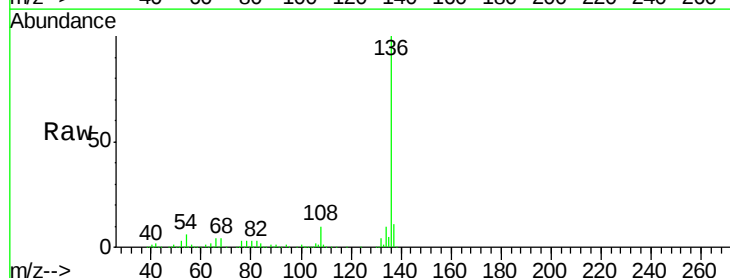
Delta R.T. -0.03 min

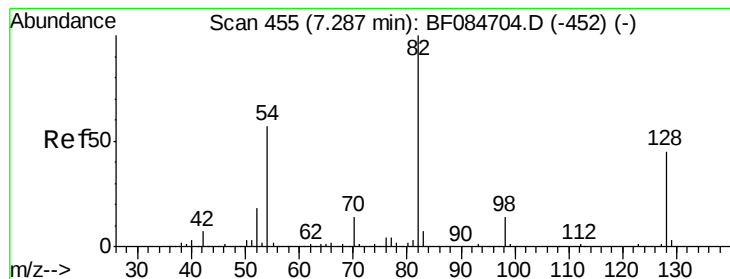
Lab File: BF084928.D

Acq: 8 Feb 2016 15:04

Tgt Ion: 136 Resp: 733382

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.3	5.8	8.8
68	3.8	4.2	6.2#





#23

Nitrobenzene-d5

Concen: 68.14 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF084928.D

Acq: 8 Feb 2016 15:04

Instrument :

BNA_F

ClientSampleId :

PB88243BL

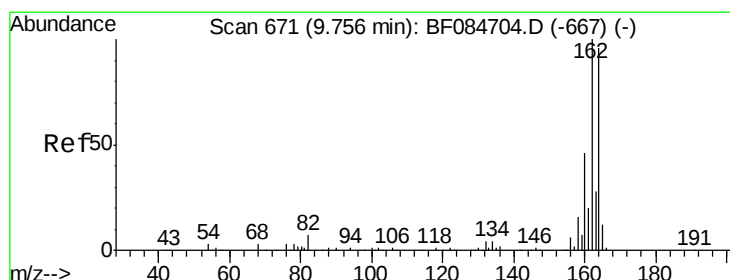
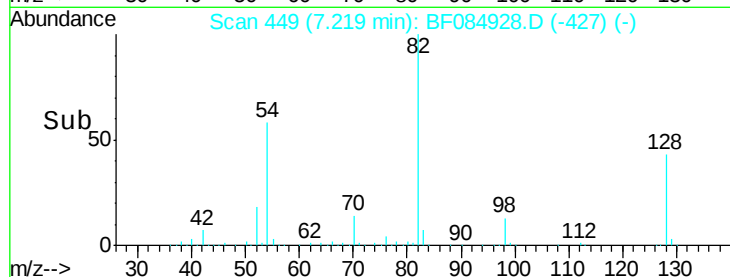
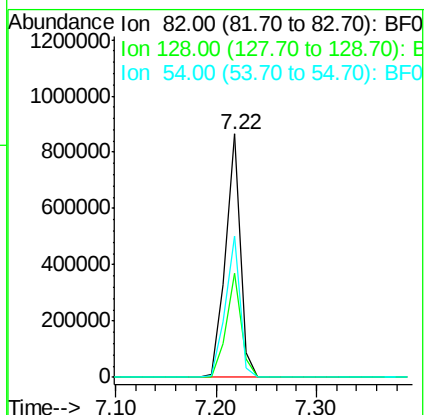
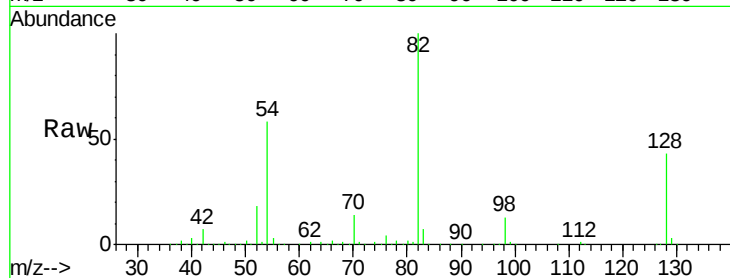
Tgt Ion: 82 Resp: 887106

Ion Ratio Lower Upper

82 100

128 42.8 34.6 51.8

54 58.2 38.4 57.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084928.D

Acq: 8 Feb 2016 15:04

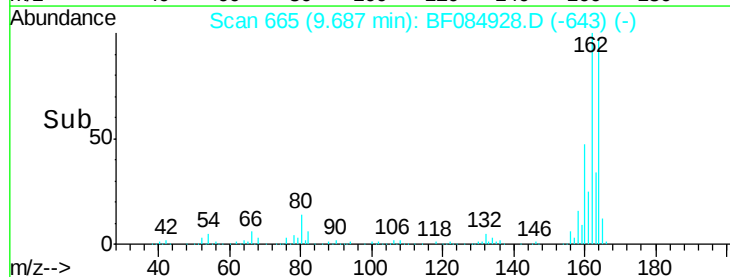
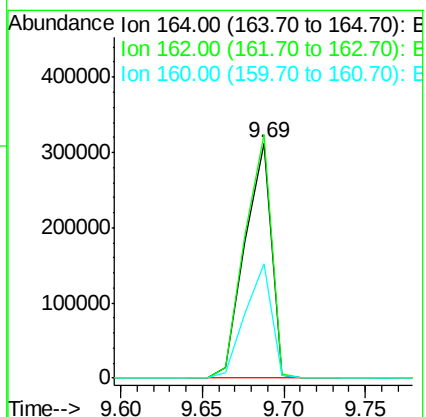
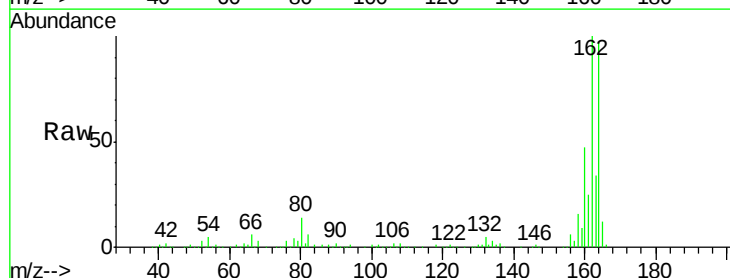
Tgt Ion: 164 Resp: 351189

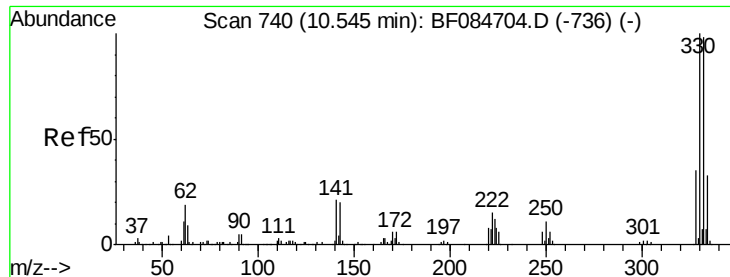
Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

160 48.5 37.5 56.3

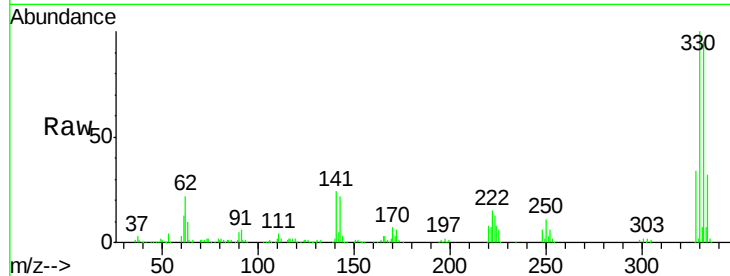




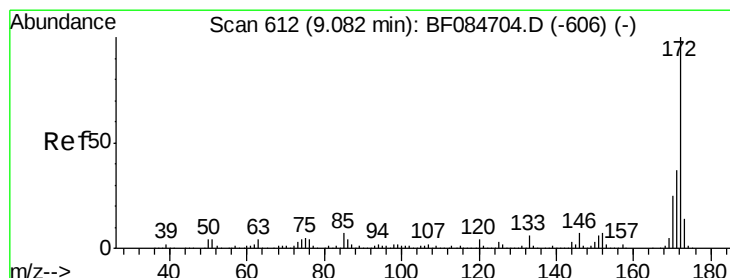
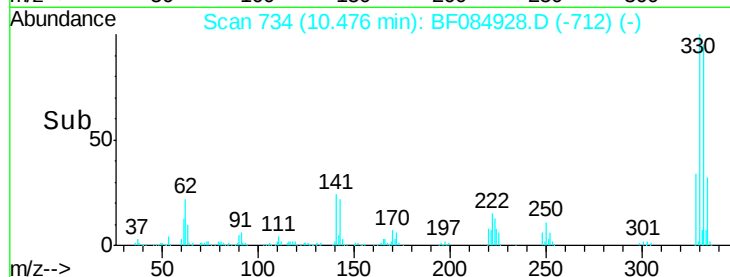
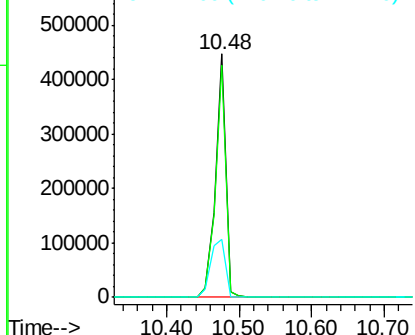
#41
 2,4,6-Tribromophenol
 Concen: 119.89 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.05 min
 Lab File: BF084928.D
 Acq: 8 Feb 2016 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BL

Tgt Ion:330 Resp: 439192
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 34.4 27.8 41.6

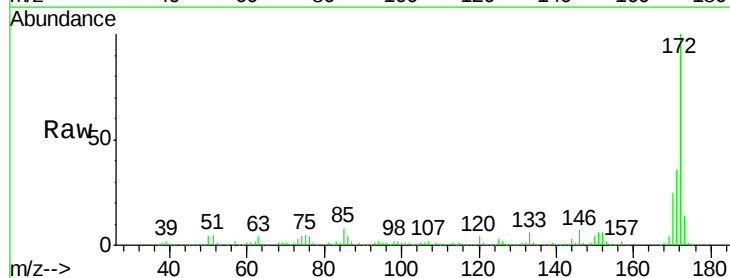


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

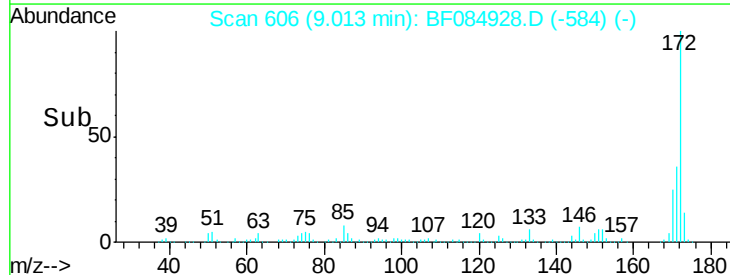
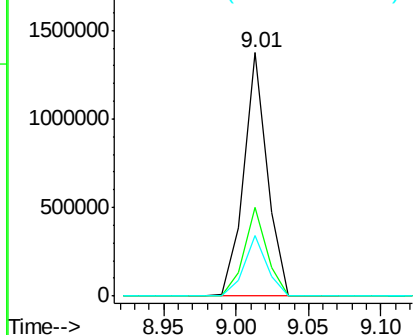


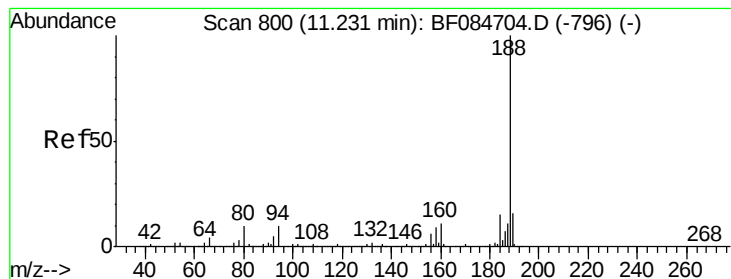
#44
 2-Fluorobiphenyl
 Concen: 69.75 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF084928.D
 Acq: 8 Feb 2016 15:04

Tgt Ion:172 Resp: 1543977
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.8 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.05 min

Lab File: BF084928.D

Acq: 8 Feb 2016 15:04

Instrument :

BNA_F

ClientSampleId :

PB88243BL

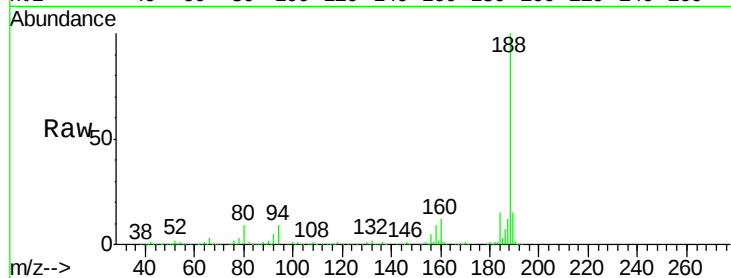
Tgt Ion:188 Resp: 682609

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

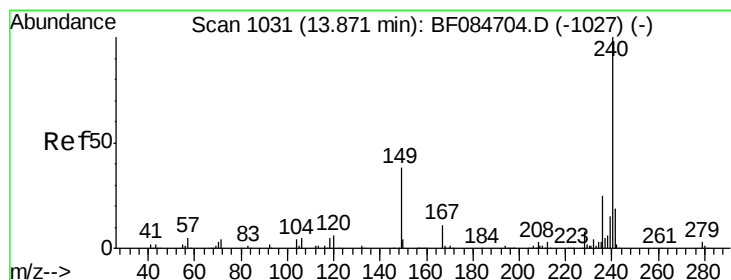
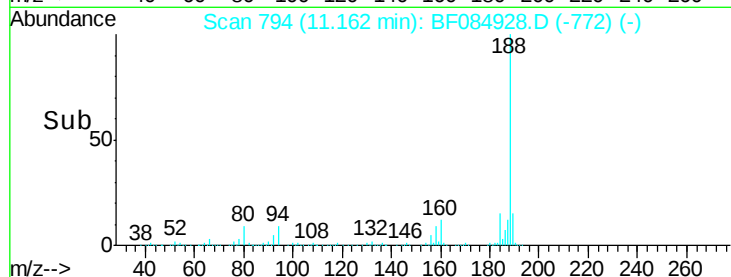
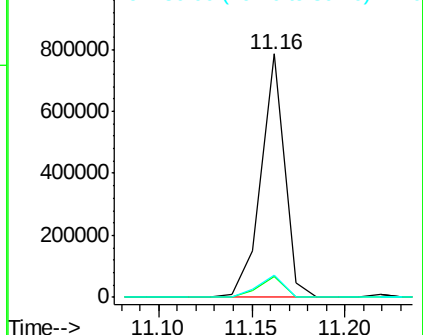
80 9.1 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF084928.D

Acq: 8 Feb 2016 15:04

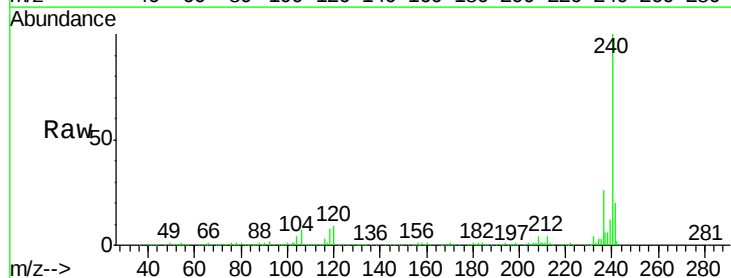
Tgt Ion:240 Resp: 595575

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

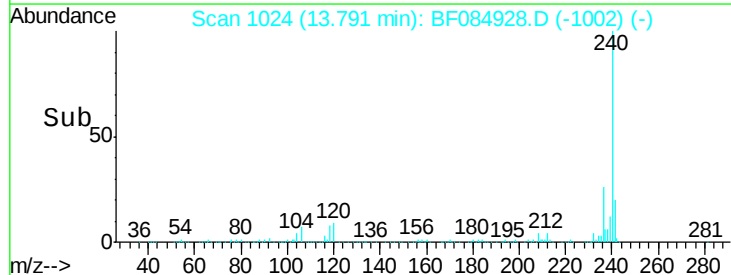
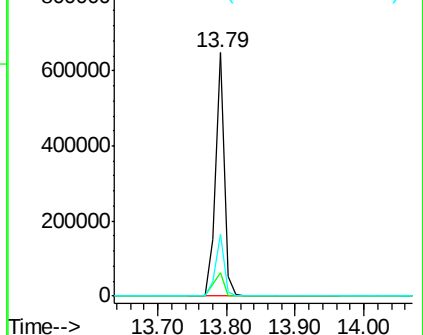
236 25.7 20.6 31.0

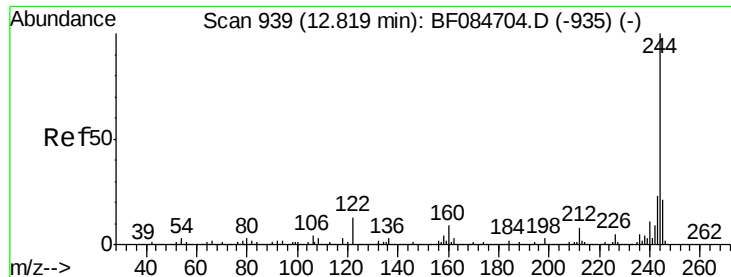


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

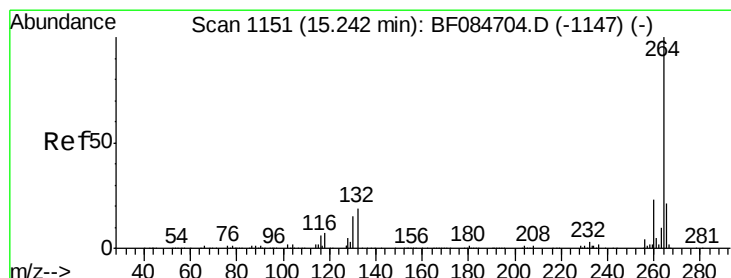
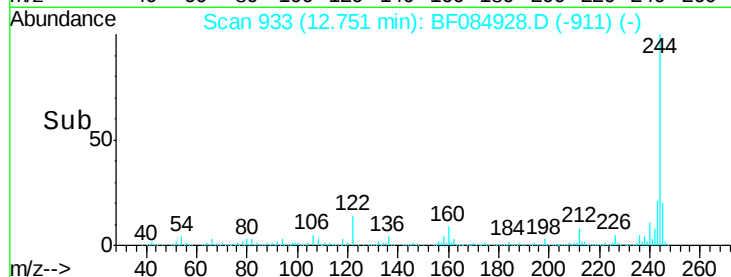
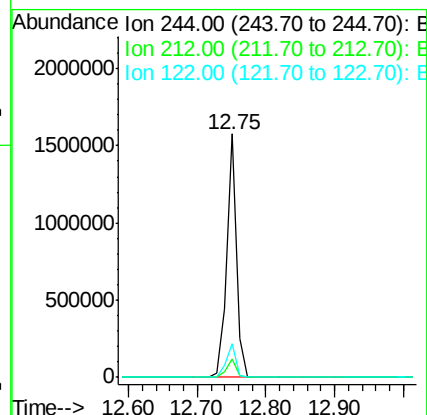
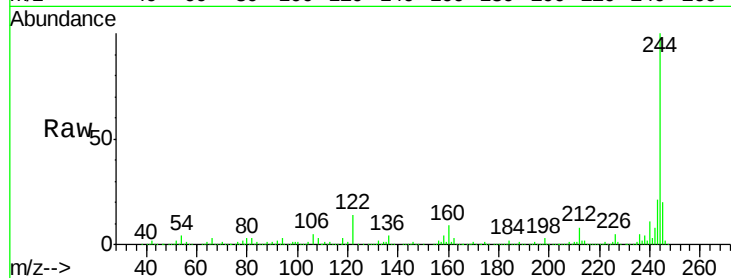




#78
 Terphenyl-d14
 Concen: 60.34 ng
 RT: 12.75 min Scan# 933
 Delta R.T. -0.05 min
 Lab File: BF084928.D
 Acq: 8 Feb 2016 15:04

Instrument :
 BNA_F
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 PB88243BL

Tgt Ion:244 Resp: 1585847
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 14.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1143
 Delta R.T. -0.06 min
 Lab File: BF084928.D
 Acq: 8 Feb 2016 15:04

Tgt Ion:264 Resp: 421893
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.4 17.8 26.6

